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Quantum theory
Electroencephalogram
 See *Brain, elec. activity*
Electroendosmosis
 See *Electroosmosis*
Electrofax
 See *Electrophotography*
Electrofine S 70
 See *Alkanes, C₂₂-24, chloro*
Electrofocusing
 See *Isoelectric focusing*
Electroforming
 See also related: *Stereolithography*
Electrogalvanization
 See *Galvanizing, electrogalvanizing*
Electrogalvanized steel
 Valid heading during volumes 129-130 (July 1998-June 1999) only
 See *Galvanized steel, electrogalvanized*
Electrogalvanizing
 Valid heading during volumes 126-130 (1997-June 1999) only
 See *Galvanizing, electrogalvanizing*
Electrohydrodynamics
 See *Electrohydrodynamics*
Electrogenic channel-mediated transport
 Valid heading during volumes 126-130 (1997-June 1999) only
 See *Biological transport, electrogenic, channel-mediated*
Electrogenic transport (biological)
 Valid heading during volumes 126-130 (1997-June 1999) only
 See *Biological transport, electrogenic*
Electrographic developers
 See also related:
Electrographic toners
Electrography
Electrographic toners
 See also related:
Electrographic developers
Electrography
Pigments, nonbiological
Electrography
 See also related:
Copying process
Electrographic developers
Electrographic toners
Printing (nonimpact)
Electrohydrodynamic flow
 Valid heading during volumes 126-130 (1997-June 1999) only
 See *Flow, electrohydrodynamic*
Electrohydrodynamics
 See also related:
Electric field effects
Electrorheology
MHD (magnetohydrodynamics)
Electrokinetic chromatography
 Valid heading during volumes 126-130 (1997-June 1999) only
 See *Chromatography, electrokinetic*
Electrokinetic phenomena
 See also narrower:
Electrodialysis
Electroosmosis
Zeta potential
 See also related:
Electrocapillarity
Electrophoresis
Electrokinetic potential
 See *Zeta potential*
Electroless coating
 See *Coating process, electroless*
Electroless metalization
 See *Coating process, electroless*
Electroless plating
 Valid heading during volumes 126-130 (1997-June 1999) only
 See *Coating process, electroless*
Electroluminescence
 Valid heading during volumes 126-130 (1997-June 1999) only
 See *Luminescence, electroluminescence*
Electroluminescent devices
 See also narrower: *Semiconductor electroluminescent devices*
 See also related:
Diodes
Electric lamps
Luminescence, electroluminescence
Semiconductor devices
Semiconductor lasers
Electroluminescent phosphors
 Valid heading during volumes 126-130 (1997-June 1999) only
 See *Phosphors, electroluminescent*
Electrolysis
 See also narrower: *Electrode reaction*
 See also related:
Corrosion
Current efficiency
Electrochemistry
Electrodeposition
Electrodes
Electrolysis catalysts
Electrolytic cells
Electrolytic polarization
Electrolytic solutions
Electroplating
Primary batteries
Secondary batteries
Electrolysis catalysts
 See also related: *Electrolysis*
Electrolytes
 See also narrower:
Amphoteric materials
Battery electrolytes
Electrolytes, biological
Fuel cell electrolytes
Ionophores
Polyelectrolytes

Solid electrolytes
 See also related:
Counterions
Electrode-electrolyte interface
Electrolytic capacitors
Electrolytic cells
Electrolytic solutions
Salts
Transference number
Electrolytes, biological
 See also related:
Aldosteronism
Anions
Cations
Ion channel
Ions
Electrolytes (biological)
 Valid heading during volumes 126-130 (1997-June 1999) only
 See *Electrolytes, biological*
Electrolyte transport (biological)
 See *Biological transport, ion*
Electrolytic capacitors
 See also related:
Electrolytes
Electrolytic polarization
Primary batteries
Secondary batteries
Electrolytic cells
 See also related:
Coulometers
Electrolysis
Electrolytes
Fuel cells
Primary batteries
Secondary batteries
Electrolytic coloring
 Valid heading during volumes 126-130 (1997-June 1999) only
 See *Coloring, electrochem.*
Electrolytic ionization
 See *Ionization*
Electrolytic machining
 See *Machining, electrochem.*
Electrolytic oxidation
 See *Oxidation, electrochemical*
Electrolytic polarization
 See also related:
Anodic polarization
Cathodic polarization
Electrolysis
Electrolytic capacitors
Overvoltage
Electrolytic polishing
 See *Polishing, electrochem.*
Electrolytic reduction
 See *Reduction, electrochemical*
Electrolytic solutions
 See also narrower: *Physiological saline solutions*
 See also related:
Electrolysis
Electrolytes
Hair preparations
Ionic strength
Ionization
Walden product
Electrolytic water purification
 Valid heading during volumes 126-130 (1997-June 1999) only
 See *Water purification, electrolysis*
Electrolytic water purification apparatus
 See *Water purification, electrolysis, app.*
Electrolyzers
 See *Electrolytic cells*
Electromagnetic cores
 See also related:
Electric coils
Electromagnets
Magnets
Transformers
Electromagnetic evanescent wave
 See *Evanescent wave*
Electromagnetic field
 See also related:
Electric field
Electromagnetic force
Electromagnetic induction
Electromagnetic shields
Electromagnetic wave
Inductance
Lamb shift
Magnetic field
Electromagnetic force
 See also related:
Electromagnetic field
Electromagnetism
Magnetic force
Electromagnetic induction
 See also narrower:
Inductance
Magnetic flux
Magnetic induction
 See also related:
Eddy current
Electromagnetic field
Electromagnetic shields
 See also narrower: *Magnetic shields*
 See also related:
Electromagnetic field
Electromagnets
Electromagnetic wave
 See also narrower:
Airglow
Blackbody radiation
Bremsstrahlung
Channeling radiation
Cherenkov radiation
Cyclotron radiation
Evanescent wave
Gamma ray
IR radiation
Laser radiation

Light
Microwave
Radio wave
Synchrotron radiation
Transition radiation
UV radiation
X-ray
 See also related:
Cosmic ray
Doppler effect
Electromagnetic field
Electromagnetic wave absorption
Electromagnetic wave scattering
Interference
Luminescence
Magnetic field
Photon
Solar radiation
Spectra
Spectrographs
Spectrometers
Spectroscopy
Stimulated emission
Electromagnetic wave absorption
 See also narrower:
Microwave absorption
Optical absorption
 See also related:
Absorption spectra
Electromagnetic wave
Electromagnetic wave scattering
 See also narrower:
Laser radiation scattering
Light scattering
Thomson scattering
X-ray scattering
 See also related:
Backscattering
Compton effect
Electromagnetic wave
Spectra
Electromagnetism
 See also narrower:
Electricity
Electromagnetic field
Electromagnetic induction
Electromagnetic wave
Magnetism
 See also related:
Electrical engineering
Electromagnetic force
Electromagnets
Electromagnets
 See also narrower:
Superconducting magnets
Wiggler magnets
 See also related:
Actuators
Electric coils
Electric motors
Electromagnetic cores
Electromagnetic shields
Electromagnetism
Solenoids
Electromechanical effect
 See also narrower:
Acoustoelectric effect
Electrostriction
Flexoelectricity
Piezoelectricity
 See also related:
Photomechanical effect
Piezoresistance
Electromechanical property
 See *Electromechanical effect*
Electromeric effect
 See *Substituent effects*
Electromigration
 See *Electrodiffusion*
Electromotive force
 See *Electric potential*
Electron
 See also *Beta particle [12587-47-2]*
 from meson decay
 see also
Beta particle [12587-47-2]
Positron [12585-85-2]
 neutral — see *Neutron [39282-21-8]*
 pos. — see *Positron [12585-85-2]*
Electron, conduction
 See *Conduction electrons*
Electron, solvated
 See *Solvated electrons*
Electron accelerators
 See also narrower:
Betatrions
Microtrons
 See also related:
Electron sources
Free electron lasers
Electron acceptors
 See also narrower:
Acceptor levels
Shallow acceptors
 See also related:
Defect level
Dopants
Electric activation (dopants)
Electron donors
Electron transfer
Electron traps
Electrophilicity
Exciplex
Hole traps
Inductive effect
Lewis acidity
Trapping
Electron affinity
 See also related:
Binding energy
Electronegativity
Hardness (electronic structure)